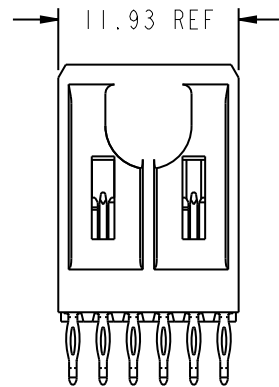
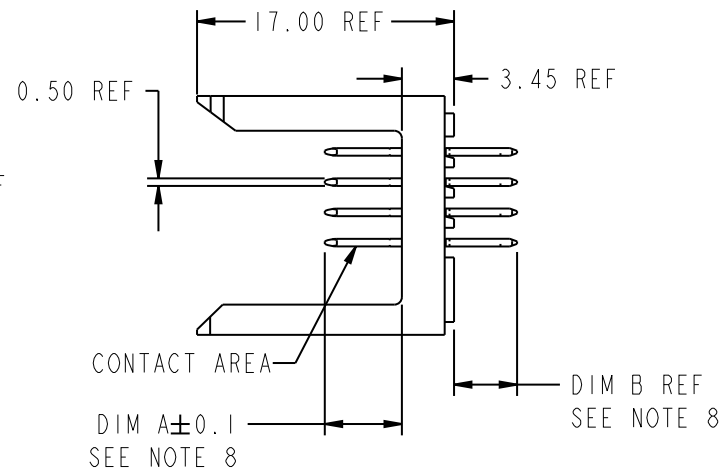
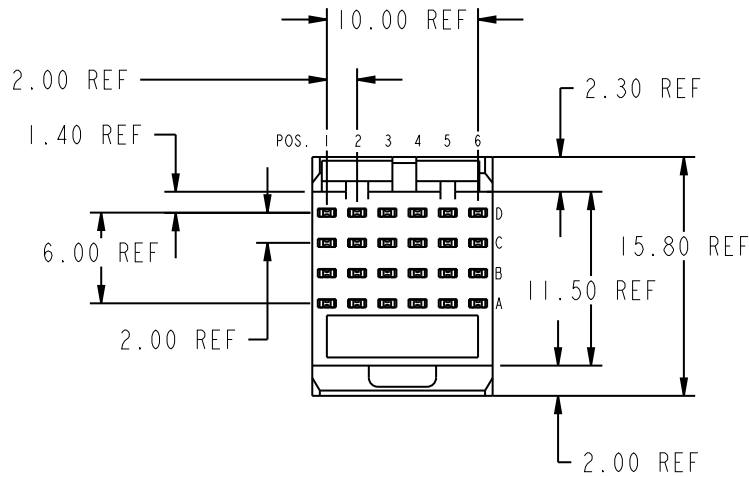


PRODUCT NUMBER  
SEE TABLE

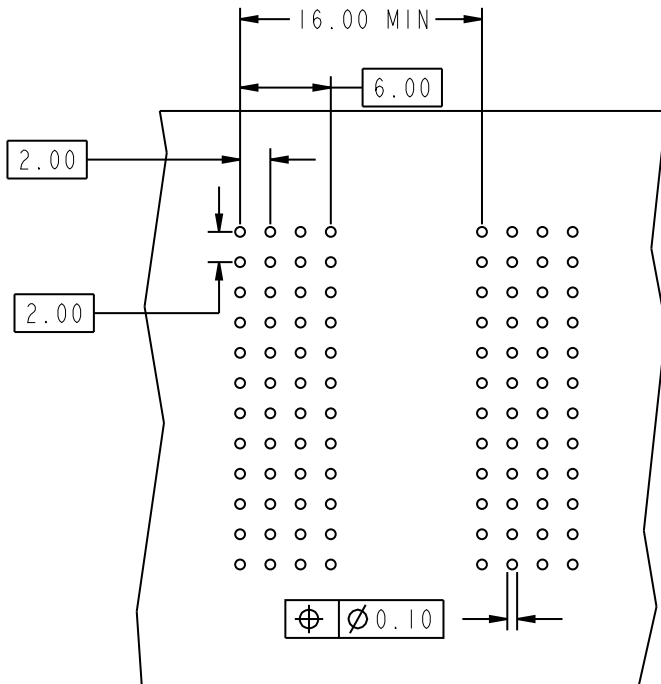


|            |           |     |            |                                       |            |          |   |                           |  |
|------------|-----------|-----|------------|---------------------------------------|------------|----------|---|---------------------------|--|
| mat'l code |           |     |            | tolerances unless otherwise specified |            |          | CUSTOMER  | FCJ<br>www.fciconnect.com |  |
| ltr        | ecn no.   | dr  | date       | linear                                | 0.X ±0.3   |          | COPY  |                           |  |
| AH         | V06-0569  | DCH | 2006-06-13 |                                       | 0.XX ±0.13 |          | projection  |                           |  |
| AJ         | DG09-0256 | TER | 2009-08-19 |                                       | .XXX ±.051 |          | title<br>METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT |                           |  |
| -          | -         | -   | -          | angles                                | 0° ±2°     |          | product family<br>METRAL                                |                           |  |
| AD         | V03-0025  | JWS | 02/06/03   | dr                                    | T.BRUNGARD | 11/19/99 | code  |                           |  |
| AE         | V03-1321  | DAI | 01/15/04   | engr                                  | M.STRAWSER | 11/19/99 | 213   |                           |  |
| AF         | V04-0794  | TAB | 08/13/04   | chr                                   | M.STRAWSER | 11/19/99 | sheet   |                           |  |
| AG         | V05-0368  | DPU | 06/01/05   | appd                                  | M.STRAWSER | 02/29/00 | 1 of 6  |                           |  |
| sheet      | revision  | AJ  | AJ         | AJ                                    | AJ         | AJ       | A   |                           |  |
| index      | sheet     | 1   | 2          | 3                                     | 4          | 5        | 88921   |                           |  |

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REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE

SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

| KEY  |              |              |
|------|--------------|--------------|
| CODE | DIMENSIONS   |              |
|      | DIM "A" MATE | DIM "B" TAIL |
| 1    | 5.00         | 4.30         |
| 2    | 5.75         | 4.30         |
| 3    | 6.50         | 4.30         |
| 4    | 7.25         | 4.30         |
| 5    | 5.00         | 13.60        |
| 6    | 5.75         | 13.60        |
| 7    | 6.50         | 13.60        |
| 8    | 7.25         | 13.60        |
| 9    | 5.00         | 17.00        |
| 10   | 5.75         | 17.00        |
| 11   | 6.50         | 17.00        |
| 12   | 7.25         | 17.00        |
| 13   | 8.25         | 4.30         |
| 14   | 8.25         | 13.60        |
| 15   | 8.25         | 17.00        |
| 16   | 7.00         | 4.30         |
| 17   | 7.00         | 13.60        |
| 18   | 7.00         | 17.00        |
| 19   | 8.00         | 4.30         |
| 20   | 8.00         | 13.60        |
| 21   | 8.00         | 17.00        |
| 22   | 5.00         | 12.10        |
| 25   | 5.75         | 15.60        |

| KEY  |              |              |
|------|--------------|--------------|
| CODE | DIMENSIONS   |              |
|      | DIM "A" MATE | DIM "B" TAIL |
| 40   | 5.00         | 15.60        |
| 41   | 6.50         | 15.60        |
| 42   | 7.25         | 15.60        |
| 43   | 8.00         | 15.60        |
| 44   | 5.75         | 12.10        |
| 45   | 6.50         | 12.10        |
| 59   | 5.00         | 11.80        |
| 60   | 5.75         | 11.80        |
| 61   | 6.50         | 11.80        |
| 62   | 7.25         | 11.80        |
| 63   | 8.00         | 11.80        |


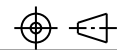

|             |                |      |            |                                       |            |                  |  |   |   |
|-------------|----------------|------|------------|---------------------------------------|------------|------------------|--|---|---|
| mat'l code  |                |      |            | tolerances unless otherwise specified |            | CUSTOMER         |  | <br>www.fcjconnect.com                                      |   |
| ltr         | ecr no.        | dr   | date       | linear                                | 0.X ±0.3   | COPY             |  | <br>title<br>METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT | product family<br>METRAL<br>code<br>213<br>sheet<br>2 |
| AJ          |                |      |            |                                       | 0.XX ±0.13 | projection       |  |   |   |
|             |                |      |            |                                       | .XXX ±.051 | <br>scale<br>2:1 |  |   |   |
|             |                |      |            | angles                                | 0° ±2°     | <br>A            |  |   |   |
|             |                | dr   | T.BRUNGARD | 11/19/99                              |            |                  |  |   |   |
|             |                | enr  | M.STRAWSER | 11/19/99                              |            |                  |  |   |   |
|             |                | chr  | M.STRAWSER | 11/19/99                              |            |                  |  |   |   |
|             |                | appd | M.STRAWSER | 02/29/00                              |            |                  |  |   |   |
| sheet index | revision sheet |      |            |                                       |            |                  |  |   |   |

cage code 22526

| PRODUCT NUMBER | DESCRIPTION | PLATING IN PRESS FIT TAIL AREA | PERFORMANCE LEVEL OF PLATING IN CONTACT AREA        |
|----------------|-------------|--------------------------------|---|
| 88921-NIYY     | STANDARD    | TIN LEAD                       | TELCORDIA CO (NXT)                                  |
| 88921-N5YY     | STANDARD    | TIN LEAD                       | TELCORDIA UE (NXT)                                  |
| 88921-IYY      | STANDARD    | TIN LEAD                       | TELCORDIA CO  |
| 88921-2YY      | STANDARD    | TIN LEAD                       | TELECOM CLASS                                       |
| 88921-3YY      | STANDARD    | TIN LEAD                       | IEC CLASS I   |
| 88921-5YY      | STANDARD    | TIN LEAD                       | TELCORDIA UE  |
| 88921-NIYYLF   | LEAD FREE   | TIN                            | TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10 |
| 88921-N5YYLF   | LEAD FREE   | TIN                            | TELCORDIA UE (NXT) SEE NOTES 9 AND 10               |
| 88921-IYYLF    | LEAD FREE   | TIN                            | TELCORDIA CO , IEC CLASS I, SEE NOTES 9 AND 10      |
| 88921-2YYLF    | LEAD FREE   | TIN                            | TELECOM CLASS, SEE NOTES 9 AND 10                   |
| 88921-5YYLF    | LEAD FREE   | TIN                            | TELECORDIA UE , SEE NOTES 9 AND 10                  |

NOTES:

1. FOR DIM A, AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL PHOSPHOR BRONZE:
4. PLATING ON PRESS-FIT AREA :SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
5. PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.
6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
7. PRODUCT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073
8. AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
9. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
10. ALL THE PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 88921-NI---OR 88921-N5---WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 88921-NI---AND 88921-N5--- WILL NOT WITHSTAND REFLOW AND THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

|             |                |           |            |                                       |   |          |       |   |  |
|-------------|----------------|-----------|------------|---------------------------------------|---|----------|-------|---|--|
| mat'l code  |                | SEE NOTES |            | tolerances unless otherwise specified |   | CUSTOMER |       | <br>www.fciconnect.com |  |
| ltr         | ecn no.        | dr        | date       | linear                                | 0.X ±0.3  |          | COPY  |   | <br>title<br>METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT |
| AJ          |                |           | 0.XX ±0.13 |                                       | projection  |          |       |   |  |
|             |                |           | .XXX ±.051 |                                       | <br>product family METRAL code |          |       |   |  |
|             |                |           |            | angles                                | 0° ±2°  |          | size  |   | dwg no 88921<br>sheet 3  |
|             |                |           |            | dr                                    | T.BRUNGARD  | 11/19/99 | scale |   |  |
|             |                |           |            | engr                                  | x. xxxxxx   | mm/dd/yy | A     |   |  |
|             |                |           |            | chr                                   | M.STRAWSER  | 11/19/99 | 1:1   |   |  |
|             |                |           |            | appd                                  | M.STRAWSER  | 02/29/00 |       |   |  |
| sheet index | revision sheet |           |            |                                       |   |          |       |   |  |



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| METRAL P/N                      | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|---------------------------------|-----|---------------------|----|----|----|----|----|
|                                 |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X01<br>AND<br>88921-X01LF | D   | -                   | 2  | -  | 2  | -  | 2  |
|                                 | C   | -                   | 2  | -  | 2  | -  | 2  |
|                                 | B   | -                   | 2  | -  | 2  | -  | 2  |
|                                 | A   | -                   | 2  | -  | 2  | -  | 2  |
| 88921-X02<br>AND<br>88921-X02LF | D   | -                   | 6  | -  | 6  | -  | 6  |
|                                 | C   | -                   | 6  | -  | 6  | -  | 6  |
|                                 | B   | -                   | 6  | -  | 6  | -  | 6  |
|                                 | A   | -                   | 6  | -  | 6  | -  | 6  |
| 88921-X03<br>AND<br>88921-X03LF | D   | 3                   | 3  | 3  | 3  | 3  | 3  |
|                                 | C   | 4                   | 4  | 4  | 4  | 4  | 4  |
|                                 | B   | 4                   | 4  | 4  | 4  | 4  | 4  |
|                                 | A   | 4                   | 4  | 4  | 4  | 4  | 4  |
| 88921-X04<br>AND<br>88921-X04LF | D   | 7                   | 7  | 7  | 7  | 7  | 7  |
|                                 | C   | 8                   | 8  | 8  | 8  | 8  | 8  |
|                                 | B   | 8                   | 8  | 8  | 8  | 8  | 8  |
|                                 | A   | 8                   | 8  | 8  | 8  | 8  | 8  |
| 88921-X05<br>AND<br>88921-X05LF | D   | 13                  | 2  | 2  | 2  | 2  | 2  |
|                                 | C   | 13                  | 2  | 2  | 2  | 2  | 2  |
|                                 | B   | 13                  | 2  | 2  | 2  | 2  | 2  |
|                                 | A   | 13                  | 2  | 2  | 2  | 2  | 2  |
| 88921-X06<br>AND<br>88921-X06LF | D   | 14                  | 6  | 6  | 6  | 6  | 6  |
|                                 | C   | 14                  | 6  | 6  | 6  | 6  | 6  |
|                                 | B   | 14                  | 6  | 6  | 6  | 6  | 6  |
|                                 | A   | 14                  | 6  | 6  | 6  | 6  | 6  |
| 88921-X07<br>AND<br>88921-X07LF | D   | 15                  | 10 | 10 | 10 | 10 | 10 |
|                                 | C   | 15                  | 10 | 10 | 10 | 10 | 10 |
|                                 | B   | 15                  | 10 | 10 | 10 | 10 | 10 |
|                                 | A   | 15                  | 10 | 10 | 10 | 10 | 10 |
| 88921-X08<br>AND<br>88921-X08LF | D   | 16                  | 2  | 2  | 2  | 2  | 2  |
|                                 | C   | 16                  | 2  | 2  | 2  | 2  | 2  |
|                                 | B   | 16                  | 2  | 2  | 2  | 2  | 2  |
|                                 | A   | 16                  | 2  | 2  | 2  | 2  | 2  |
| 88921-X09<br>AND<br>88921-X09LF | D   | 17                  | 6  | 6  | 6  | 6  | 6  |
|                                 | C   | 17                  | 6  | 6  | 6  | 6  | 6  |
|                                 | B   | 17                  | 6  | 6  | 6  | 6  | 6  |
|                                 | A   | 17                  | 6  | 6  | 6  | 6  | 6  |
| 88921-X10<br>AND<br>88921-X10LF | D   | 18                  | 10 | 10 | 10 | 10 | 10 |
|                                 | C   | 18                  | 10 | 10 | 10 | 10 | 10 |
|                                 | B   | 18                  | 10 | 10 | 10 | 10 | 10 |
|                                 | A   | 18                  | 10 | 10 | 10 | 10 | 10 |
| 88921-X11<br>AND<br>88921-X11LF | D   | 13                  | 16 | 16 | 16 | 16 | 13 |
|                                 | C   | 13                  | 16 | 16 | 16 | 16 | 13 |
|                                 | B   | 13                  | 16 | 16 | 16 | 16 | 13 |
|                                 | A   | 13                  | 16 | 16 | 16 | 16 | 13 |
| 88921-X12<br>AND<br>88921-X12LF | D   | 14                  | 17 | 17 | 17 | 17 | 14 |
|                                 | C   | 14                  | 17 | 17 | 17 | 17 | 14 |
|                                 | B   | 14                  | 17 | 17 | 17 | 17 | 14 |
|                                 | A   | 14                  | 17 | 17 | 17 | 17 | 14 |
| 88921-X13<br>AND<br>88921-X13LF | D   | 15                  | 18 | 18 | 18 | 18 | 15 |
|                                 | C   | 15                  | 18 | 18 | 18 | 18 | 15 |
|                                 | B   | 15                  | 18 | 18 | 18 | 18 | 15 |
|                                 | A   | 15                  | 18 | 18 | 18 | 18 | 15 |
| 88921-X14<br>AND<br>88921-X14LF | D   | 2                   | 2  | 2  | 3  | 2  | 2  |
|                                 | C   | 2                   | 2  | 2  | 3  | 2  | 2  |
|                                 | B   | 2                   | 1  | 2  | 3  | 2  | 2  |
|                                 | A   | 2                   | 2  | 2  | 3  | 2  | 2  |
| 88921-X15<br>AND<br>88921-X15LF | D   | 4                   | 4  | 4  | 4  | 4  | 2  |
|                                 | C   | 3                   | 3  | 3  | 3  | 3  | 3  |
|                                 | B   | 3                   | 3  | 3  | 3  | 3  | 3  |
|                                 | A   | 3                   | 3  | 3  | 3  | 3  | 3  |
| 88921-X16<br>AND<br>88921-X16LF | D   | 13                  | 13 | 13 | 13 | -  | 13 |
|                                 | C   | 13                  | 13 | 13 | 13 | -  | 13 |
|                                 | B   | 13                  | 13 | 13 | 13 | -  | 13 |
|                                 | A   | 13                  | 13 | 13 | 13 | -  | 13 |
| 88921-X17<br>AND<br>88921-X17LF | D   | 25                  | 25 | 25 | 25 | 25 | 25 |
|                                 | C   | 25                  | 25 | 25 | 25 | 25 | 25 |
|                                 | B   | 25                  | 25 | 25 | 25 | 25 | 25 |
|                                 | A   | 25                  | 25 | 25 | 25 | 25 | 25 |
| 88921-X18<br>AND<br>88921-X18LF | D   | 3                   | 1  | 1  | 1  | 1  | 1  |
|                                 | C   | 3                   | 1  | 1  | 1  | 1  | 1  |
|                                 | B   | 3                   | 1  | 1  | 1  | 1  | 1  |
|                                 | A   | 3                   | 1  | 1  | 1  | 1  | 1  |
| 88921-X19<br>AND<br>88921-X19LF | D   | 2                   | 2  | 2  | 2  | 2  | 2  |
|                                 | C   | 4                   | 2  | 4  | 2  | 4  | 2  |
|                                 | B   | 2                   | 4  | 2  | 4  | 2  | 4  |
|                                 | A   | 2                   | 2  | 2  | 2  | 2  | 2  |
| 88921-X20<br>AND<br>88921-X20LF | D   | 19                  | 3  | 3  | 3  | 3  | 19 |
|                                 | C   | 19                  | 3  | 3  | 3  | 3  | 19 |
|                                 | B   | 19                  | 3  | 3  | 3  | 3  | 19 |
|                                 | A   | 19                  | 3  | 3  | 3  | 3  | 19 |
| 88921-X21<br>AND<br>88921-X21LF | D   | 4                   | 4  | 4  | 19 | 19 | 19 |
|                                 | C   | 4                   | 4  | 4  | 19 | 19 | 19 |
|                                 | B   | 4                   | 4  | 4  | 19 | 19 | 19 |
|                                 | A   | 4                   | 4  | 4  | 19 | 19 | 19 |
| 88921-X22<br>AND<br>88921-X22LF | D   | 8                   | 8  | 8  | 20 | 20 | 20 |
|                                 | C   | 8                   | 8  | 8  | 20 | 20 | 20 |
|                                 | B   | 8                   | 8  | 8  | 20 | 20 | 20 |
|                                 | A   | 8                   | 8  | 8  | 20 | 20 | 20 |
| 88921-X23<br>AND<br>88921-X23LF | D   | 4                   | 1  | 4  | 1  | 1  | 1  |
|                                 | C   | 4                   | 1  | 1  | 1  | 1  | 1  |
|                                 | B   | 4                   | 1  | 1  | 1  | 1  | 1  |
|                                 | A   | 4                   | 1  | 4  | 1  | 1  | 1  |
| 88921-X24<br>AND<br>88921-X24LF | D   | 22                  | 22 | 22 | 22 | 22 | 22 |
|                                 | C   | 44                  | 44 | 44 | 44 | 44 | 44 |
|                                 | B   | 44                  | 44 | 44 | 44 | 44 | 44 |
|                                 | A   | 45                  | 45 | 45 | 45 | 45 | 45 |
| 88921-X25<br>AND<br>88921-X25LF | D   | 3                   | 3  | 3  | 3  | -  | -  |
|                                 | C   | 3                   | 3  | 3  | 3  | -  | -  |
|                                 | B   | 3                   | 3  | 3  | 3  | -  | -  |
|                                 | A   | -                   | -  | 3  | 3  | -  | -  |

|            |          |      |            |                                       |            |            |      |     |                        |                    |       |
|------------|----------|------|------------|---------------------------------------|------------|------------|------|-----|------------------------|--------------------|-------|
| mat'l code |          | --   |            | tolerances unless otherwise specified |            | CUSTOMER   |      | FCJ |                        | www.fcjconnect.com |       |
| ltr        | ecn no.  | dr   | date       | linear                                | 0.X ±0.3   | projection | COPY |     | title                  |                    |       |
| A          | J        |      |            |                                       | 0.XX ±0.13 |            |      |     | METRAL SIGNAL HEADER   |                    |       |
|            |          |      |            | angles                                | .XXX ±.051 |            |      |     | 1 MOD, 4 ROW PRESS-FIT |                    |       |
|            |          |      |            |                                       | 0° ±2°     | MM         |      |     | product family         |                    | code  |
|            |          | dr   | T.BRUNGARD | 11/19/99                              |            | ← MM →     |      |     | METRAL                 |                    | 213   |
|            |          | engr | M.STRAWSER | 11/19/99                              |            | scale      |      |     | size                   |                    | sheet |
|            |          | chr  | M.STRAWSER | 11/19/99                              |            | 1:1        |      |     | dwg no                 |                    | 4     |
|            |          | appd | M.STRAWSER | 02/29/00                              |            |            |      |     | 88921                  |                    |       |
| sheet      | revision |      |            |                                       |            |            |      |     |                        |                    |       |
| index      | sheet    |      |            |                                       |            |            |      |     |                        |                    |       |

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| METRAL P/N                      | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|---------------------------------|-----|---------------------|----|----|----|----|----|
|                                 |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X26<br>AND<br>88921-X26LF | D   | 19                  | -  | 4  | -  | 3  | -  |
|                                 | C   | 19                  | -  | 4  | -  | -  | 19 |
|                                 | B   | -                   | 19 | -  | 4  | -  | 19 |
|                                 | A   | -                   | 19 | -  | 4  | -  | 19 |
| 88921-X27<br>AND<br>88921-X27LF | D   | 2                   | 2  | 2  | 3  | 4  | 19 |
|                                 | C   | 2                   | 2  | 2  | 3  | 4  | 19 |
|                                 | B   | 2                   | 2  | 2  | 3  | 4  | 19 |
|                                 | A   | 2                   | 2  | 2  | 3  | 4  | 19 |
| 88921-X28<br>AND<br>88921-X28LF | D   | 2                   | 2  | 2  | 2  | 2  | 19 |
|                                 | C   | 2                   | 2  | 2  | 2  | 2  | 19 |
|                                 | B   | 2                   | 2  | 2  | 2  | 2  | 19 |
|                                 | A   | 2                   | 2  | 2  | 2  | 2  | 19 |
| 88921-X29<br>AND<br>88921-X29LF | D   | 3                   | 3  | 3  | 3  | 3  | 1  |
|                                 | C   | 3                   | 3  | 3  | 3  | 3  | 19 |
|                                 | B   | 3                   | 3  | 3  | 3  | 3  | 3  |
|                                 | A   | 3                   | 3  | 3  | 3  | 19 | 19 |
| 88921-X30<br>AND<br>88921-X30LF | D   | 3                   | 3  | 3  | 19 | 3  | 3  |
|                                 | C   | 3                   | 3  | 3  | 3  | 3  | 3  |
|                                 | B   | 3                   | 3  | 3  | 3  | 3  | 3  |
|                                 | A   | 3                   | 3  | 3  | 3  | 3  | 3  |
| 88921-X31<br>AND<br>88921-X31LF | D   | 3                   | 3  | 3  | 3  | 3  | 1  |
|                                 | C   | 3                   | 3  | 3  | 3  | 3  | 19 |
|                                 | B   | 3                   | 3  | 3  | 3  | 3  | 3  |
|                                 | A   | 3                   | 3  | 3  | 3  | 19 | 19 |
| 88921-X32<br>AND<br>88921-X32LF | D   | 6                   | 6  | 6  | 6  | 6  | 20 |
|                                 | C   | 6                   | 6  | 6  | 6  | 6  | 20 |
|                                 | B   | 6                   | 6  | 6  | 6  | 6  | 20 |
|                                 | A   | 6                   | 6  | 6  | 6  | 6  | 20 |
| 88921-X33<br>AND<br>88921-X33LF | D   | 3                   | 3  | 3  | 3  | 3  | 1  |
|                                 | C   | 3                   | 3  | 3  | 3  | 3  | 3  |
|                                 | B   | 3                   | 3  | 3  | 3  | 3  | 3  |
|                                 | A   | 19                  | 19 | 19 | 19 | 19 | 19 |
| 88921-X34<br>AND<br>88921-X34LF | D   | 6                   | 6  | 6  | 6  | 6  | 6  |
|                                 | C   | 6                   | 6  | 6  | 6  | 6  | 6  |
|                                 | B   | 6                   | 6  | 6  | 6  | 6  | 6  |
|                                 | A   | 7                   | 7  | 7  | 6  | 6  | 5  |
| 88921-X35<br>AND<br>88921-X35LF | D   | -                   | 3  | -  | 3  | -  | 3  |
|                                 | C   | 3                   | -  | 3  | -  | 3  | -  |
|                                 | B   | -                   | 3  | -  | 3  | -  | 3  |
|                                 | A   | 3                   | -  | 3  | -  | 3  | -  |
| 88921-X36<br>AND<br>88921-X36LF | D   | -                   | 4  | -  | 4  | -  | 4  |
|                                 | C   | 4                   | -  | 4  | -  | 4  | -  |
|                                 | B   | -                   | 4  | -  | 4  | -  | 4  |
|                                 | A   | 4                   | -  | 4  | -  | 4  | -  |
| 88921-X37<br>AND<br>88921-X37LF | D   | -                   | 19 | -  | 19 | -  | 19 |
|                                 | C   | 19                  | -  | 19 | -  | 19 | -  |
|                                 | B   | -                   | 19 | -  | 19 | -  | 19 |
|                                 | A   | 19                  | -  | 19 | -  | 19 | -  |
| 88921-X38<br>AND<br>88921-X38LF | D   | -                   | 59 | -  | 59 | -  | 59 |
|                                 | C   | 59                  | -  | 59 | -  | 59 | -  |
|                                 | B   | -                   | 59 | -  | 59 | -  | 59 |
|                                 | A   | 59                  | -  | 59 | -  | 59 | -  |
| 88921-X39<br>AND<br>88921-X39LF | D   | -                   | 60 | -  | 60 | -  | 60 |
|                                 | C   | 60                  | -  | 60 | -  | 60 | -  |
|                                 | B   | -                   | 60 | -  | 60 | -  | 60 |
|                                 | A   | 60                  | -  | 60 | -  | 60 | -  |
| 88921-X40<br>AND<br>88921-X40LF | D   | -                   | 61 | -  | 61 | -  | 61 |
|                                 | C   | 61                  | -  | 61 | -  | 61 | -  |
|                                 | B   | -                   | 61 | -  | 61 | -  | 61 |
|                                 | A   | 61                  | -  | 61 | -  | 61 | -  |
| 88921-X41<br>AND<br>88921-X41LF | D   | -                   | 62 | -  | 62 | -  | 62 |
|                                 | C   | 62                  | -  | 62 | -  | 62 | -  |
|                                 | B   | -                   | 62 | -  | 62 | -  | 62 |
|                                 | A   | 62                  | -  | 62 | -  | 62 | -  |
| 88921-X42<br>AND<br>88921-X42LF | D   | -                   | 63 | -  | 63 | -  | 63 |
|                                 | C   | 63                  | -  | 63 | -  | 63 | -  |
|                                 | B   | -                   | 63 | -  | 63 | -  | 63 |
|                                 | A   | 63                  | -  | 63 | -  | 63 | -  |
| 88921-X43<br>AND<br>88921-X43LF | D   | -                   | 5  | -  | 5  | -  | 5  |
|                                 | C   | 5                   | -  | 5  | -  | 5  | -  |
|                                 | B   | -                   | 5  | -  | 5  | -  | 5  |
|                                 | A   | 5                   | -  | 5  | -  | 5  | -  |
| 88921-X44<br>AND<br>88921-X44LF | D   | -                   | 6  | -  | 6  | -  | 6  |
|                                 | C   | 6                   | -  | 6  | -  | 6  | -  |
|                                 | B   | -                   | 6  | -  | 6  | -  | 6  |
|                                 | A   | 6                   | -  | 6  | -  | 6  | -  |
| 88921-X45<br>AND<br>88921-X45LF | D   | -                   | 7  | -  | 7  | -  | 7  |
|                                 | C   | 7                   | -  | 7  | -  | 7  | -  |
|                                 | B   | -                   | 7  | -  | 7  | -  | 7  |
|                                 | A   | 7                   | -  | 7  | -  | 7  | -  |
| 88921-X46<br>AND<br>88921-X46LF | D   | -                   | 8  | -  | 8  | -  | 8  |
|                                 | C   | 8                   | -  | 8  | -  | 8  | -  |
|                                 | B   | -                   | 8  | -  | 8  | -  | 8  |
|                                 | A   | 8                   | -  | 8  | -  | 8  | -  |
| 88921-X47<br>AND<br>88921-X47LF | D   | -                   | 20 | -  | 20 | -  | 20 |
|                                 | C   | 20                  | -  | 20 | -  | 20 | -  |
|                                 | B   | -                   | 20 | -  | 20 | -  | 20 |
|                                 | A   | 20                  | -  | 20 | -  | 20 | -  |
| 88921-X48<br>AND<br>88921-X48LF | D   | -                   | 40 | -  | 40 | -  | 40 |
|                                 | C   | 40                  | -  | 40 | -  | 40 | -  |
|                                 | B   | -                   | 40 | -  | 40 | -  | 40 |
|                                 | A   | 40                  | -  | 40 | -  | 40 | -  |
| 88921-X49<br>AND<br>88921-X49LF | D   | -                   | 25 | -  | 25 | -  | 25 |
|                                 | C   | 25                  | -  | 25 | -  | 25 | -  |
|                                 | B   | -                   | 25 | -  | 25 | -  | 25 |
|                                 | A   | 25                  | -  | 25 | -  | 25 | -  |
| 88921-X50<br>AND<br>88921-X50LF | D   | -                   | 41 | -  | 41 | -  | 41 |
|                                 | C   | 41                  | -  | 41 | -  | 41 | -  |
|                                 | B   | -                   | 41 | -  | 41 | -  | 41 |
|                                 | A   | 41                  | -  | 41 | -  | 41 | -  |

|             |                |      |            |                                       |            |                |  |                        |  |
|-------------|----------------|------|------------|---------------------------------------|------------|----------------|--|------------------------|--|
| mat'l code  |                | --   |            | tolerances unless otherwise specified |            | CUSTOMER       |  | FCJ                    |  |
| ltr         | ecr no.        | dr   | date       | linear                                | 0.X ±0.3   | COPY           |  | www.fcjconnect.com     |  |
| A           | J              |      |            |                                       | 0.XX ±0.13 | projection     |  | title                  |  |
|             |                |      |            | angles                                | .XXX ±.051 |                |  | METRAL SIGNAL HEADER   |  |
|             |                |      |            |                                       | 0° ±2°     |                |  | 1 MOD, 4 ROW PRESS-FIT |  |
|             |                | dr   | T.BRUNGARD | 11/19/99                              |            | product family |  | METRAL                 |  |
|             |                | enrg | M.STRAWSER | 11/19/99                              |            | size           |  | 213                    |  |
|             |                | chr  | M.STRAWSER | 11/19/99                              |            | dwg no         |  | 88921                  |  |
|             |                | appd | M.STRAWSER | 02/29/00                              |            | sheet          |  | 5                      |  |
| sheet index | revision sheet |      |            |                                       |            |                |  |                        |  |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|---------------------------------|-----|---------------------|----|----|----|----|----|
|                                 |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X51<br>AND<br>88921-X51LF | D   | -                   | 42 | -  | 42 | -  | 42 |
|                                 | C   | 42                  | -  | 42 | -  | 42 | -  |
|                                 | B   | -                   | 42 | -  | 42 | -  | 42 |
|                                 | A   | 42                  | -  | 42 | -  | 42 | -  |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|---------------------------------|-----|---------------------|----|----|----|----|----|
|                                 |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X56<br>AND<br>88921-X56LF | D   | -                   | 12 | -  | 12 | -  | 12 |
|                                 | C   | 12                  | -  | 12 | -  | 12 | -  |
|                                 | B   | -                   | 12 | -  | 12 | -  | 12 |
|                                 | A   | 12                  | -  | 12 | -  | 12 | -  |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|---------------------------------|-----|---------------------|---|---|---|---|---|
|                                 |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X61<br>AND<br>88921-X61LF | D   | 7                   | 6 | 6 | 5 | 6 | 6 |
|                                 | C   | 7                   | 6 | 5 | 5 | 7 | 6 |
|                                 | B   | 7                   | 6 | 6 | 6 | 6 | 6 |
|                                 | A   | 7                   | 6 | 6 | 6 | 6 | 6 |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|---------------------------------|-----|---------------------|----|----|----|----|----|
|                                 |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X52<br>AND<br>88921-X52LF | D   | -                   | 43 | -  | 43 | -  | 43 |
|                                 | C   | 43                  | -  | 43 | -  | 43 | -  |
|                                 | B   | -                   | 43 | -  | 43 | -  | 43 |
|                                 | A   | 43                  | -  | 43 | -  | 43 | -  |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|---------------------------------|-----|---------------------|----|----|----|----|----|
|                                 |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X57<br>AND<br>88921-X57LF | D   | -                   | 21 | -  | 21 | -  | 21 |
|                                 | C   | 21                  | -  | 21 | -  | 21 | -  |
|                                 | B   | -                   | 21 | -  | 21 | -  | 21 |
|                                 | A   | 21                  | -  | 21 | -  | 21 | -  |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |    |   |   |    |    |
|---------------------------------|-----|---------------------|----|---|---|----|----|
|                                 |     | 1                   | 2  | 3 | 4 | 5  | 6  |
| 88921-X62<br>AND<br>88921-X62LF | D   | 19                  | -  | 4 | - | 3  | 19 |
|                                 | C   | 19                  | -  | 4 | - | 19 | -  |
|                                 | B   | -                   | 19 | - | 4 | -  | 19 |
|                                 | A   | -                   | 19 | - | 4 | -  | 19 |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|---------------------------------|-----|---------------------|---|---|---|---|---|
|                                 |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X53<br>AND<br>88921-X53LF | D   | -                   | 9 | - | 9 | - | 9 |
|                                 | C   | 9                   | - | 9 | - | 9 | - |
|                                 | B   | -                   | 9 | - | 9 | - | 9 |
|                                 | A   | 9                   | - | 9 | - | 9 | - |


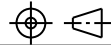
| METRAL P/N                      | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|---------------------------------|-----|---------------------|---|---|---|---|---|
|                                 |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X58<br>AND<br>88921-X58LF | D   | 20                  | 6 | 7 | 7 | 7 | 7 |
|                                 | C   | 20                  | 7 | 7 | 7 | 7 | 7 |
|                                 | B   | 20                  | 7 | 7 | 7 | 7 | 7 |
|                                 | A   | 20                  | 7 | 5 | 7 | 7 | 7 |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|---------------------------------|-----|---------------------|----|----|----|----|----|
|                                 |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X54<br>AND<br>88921-X54LF | D   | -                   | 10 | -  | 10 | -  | 10 |
|                                 | C   | 10                  | -  | 10 | -  | 10 | -  |
|                                 | B   | -                   | 10 | -  | 10 | -  | 10 |
|                                 | A   | 10                  | -  | 10 | -  | 10 | -  |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|---------------------------------|-----|---------------------|---|---|---|---|---|
|                                 |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X59<br>AND<br>88921-X59LF | D   | 1                   | 1 | 2 | 1 | 1 | 1 |
|                                 | C   | 1                   | 1 | 2 | 1 | 1 | 1 |
|                                 | B   | 1                   | 1 | 2 | 1 | 1 | 1 |
|                                 | A   | 1                   | 1 | 2 | 1 | 1 | 1 |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|---------------------------------|-----|---------------------|----|----|----|----|----|
|                                 |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X55<br>AND<br>88921-X55LF | D   | -                   | 11 | -  | 11 | -  | 11 |
|                                 | C   | 11                  | -  | 11 | -  | 11 | -  |
|                                 | B   | -                   | 11 | -  | 11 | -  | 11 |
|                                 | A   | 11                  | -  | 11 | -  | 11 | -  |

| METRAL P/N                      | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|---------------------------------|-----|---------------------|---|---|---|---|---|
|                                 |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X60<br>AND<br>88921-X60LF | D   | 2                   | 2 | 2 | 3 | 2 | 3 |
|                                 | C   | 2                   | 2 | 2 | 3 | 2 | 3 |
|                                 | B   | 2                   | 2 | 2 | 3 | 2 | 3 |
|                                 | A   | 2                   | 2 | 2 | 3 | 2 | 3 |

|             |         |                |      |                                       |            |   |       |   |        |
|-------------|---------|----------------|------|---------------------------------------|------------|---|-------|---|--------|
| mat'l code  |         |                |      | tolerances unless otherwise specified |            | CUSTOMER  |       |  |        |
| ltr         | ecr no. | dr             | date | linear                                | 0.X ±0.3   | COPY  |       | www.fciconnect.com  |        |
| AJ          |         |                |      |                                       | 0.XX ±0.13 | projection  |       | title METRAL SIGNAL HEADER  |        |
|             |         |                |      |                                       | .XXX ±.051 |  |       | 1 MOD, 4 ROW PRESS-FIT  |        |
|             |         |                |      | angles                                | 0° ±2°     | product family  |       | METRAL  |        |
|             |         |                |      | dr                                    | T.BRUNGARD | 11/19/99  | code  |   | 213    |
|             |         |                |      | engr                                  | M.STRAWSER | 11/19/99  | size  |   | dwg no |
|             |         |                |      | chr                                   | M.STRAWSER | 11/19/99  | scale |   | 88921  |
|             |         |                |      | appd                                  | M.STRAWSER | 02/29/00  | sheet |   | 6      |
| sheet index |         | revision sheet |      |                                       |            |   |       |   |        |



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